**Novel Dithiols as Capping Ligands for CdSe Quantum Dots: Optical Properties and Solar Cell Applications**

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**Supporting Information**

**Scheme S1.** Synthesis of dithiols.

**Figure S2.** FT-IR spectra of DT-capped CdSe QDs.

**Figure S3.** TGA curves of CdSe and DT-capped CdSe QDs.

**Figure S4.** The temporal evolution time of the absorption spectra of DT-capped CdSe QDs.

**Figure S5.** Comparison of PL intensities of CdSe and DT-capped CdSe QDs.

**Figure S6.** Photocurrent density-voltage curves of QD solar cells containing DT-capped CdSe.
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